

Patent Abstracts of Japan

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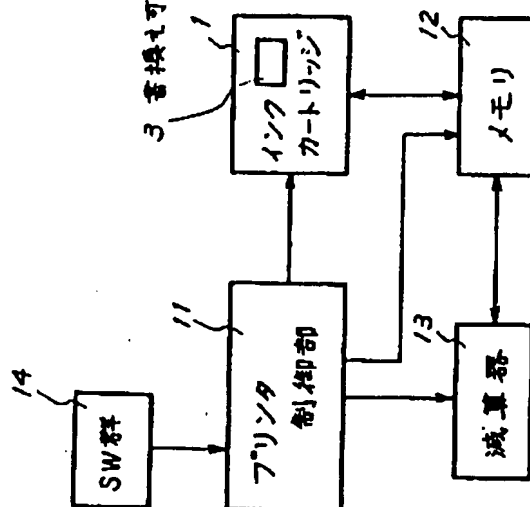
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TITLE : INK RIBBON CARTRIDGE



ABSTRACT : **PURPOSE:** To enable the residual ink quantity to be controlled individually for each cartridge, by providing an ink cartridge with a rewritable memory so that rewriting can be performed from the printer side.

CONSTITUTION: When a printer is set into an operating condition, data on the residual amount of an ink is read from a rewritable nonvolatile memory 3 fitted to an ink cartridge 1, and is written into a memory 12 provided in a main body of the printer. When printing is started by depressing a printer operating SW, the data on the residual amount of the ink is subjected to subtraction by a subtractor 13 each time of, for example, printing one line. When the residual amount of the ink is reduced to zero, for example, an ink run-out alarm can be issued by a printer-controlling part 11. Accordingly, the control of the residual amount of an ink can be performed individually for each ink cartridge, and an accurate ink run-out alarm can be issued when necessary.

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